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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A

Application Serial No.: 10/750,198

Filing Date: December 31, 2003

For: SUCCESSIVE APPROXIMATION  
ANALOG-TO-DIGITAL  
CONVERTER WITH SAMPLE AND  
HOLD ELEMENT (as amended)

)  
)  
) Group Art Unit: 2819

) Examiner: William, Howard L.

) **RESPONSE TRANSMITTAL**

) Attorney Docket No.: P18448

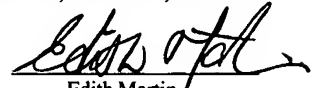
) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Five Elm Street  
) New Canaan, CT 06840  
)  
)  
)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 17, 2004.

Dated: December 17, 2004

By:

  
Edith Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are:

1. ☒ Amendment/Response
2. ☒ Additional Enclosures: Acknowledgement Postcard

### FEE CALCULATION

For	Current	Prev. Paid	No. Extra	Rate	Fee
Total Claims	18	- 20	0	\$ 200.00	\$ 0.00
Indep. Claims	3	- 3	0	\$ 50.00	\$ 0.00
Multiple Dependent Claims (add \$300.00 if applicable)					\$ 0.00
No Petition for Extension of Time is Required					\$ 0.00
OTHER FEE (specify purpose):					\$ 0.00
TOTAL FILING FEE					\$ 0.00

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.17.

Respectfully submitted,

December 17, 2004

Date



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) **AMENDMENT and RESPONSE** to  
) October 4, 2004 Non-Final Office Action

) Attorney Docket No.: P18448

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) Buckley, Maschoff & Talwalkar LLC  
) Five Elm Street  
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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Non-Final Office Action mailed October 4, 2004, please amend the above-identified application as follows:

Amendments to the title are on page 2.

Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the drawings begin on page 8 and include both attached replacement sheets and annotated sheets showing changes.

Remarks begin on page 9 of this paper.

**A M E N D M E N T S   T O   T H E   T I T L E**

Please replace the existing title with the following:

**Successive Approximation Analog-To-Digital Converter With Sample and Hold Element**